

# North Carolina HIV/STD Surveillance Report: Vol. 2003, No. 4

## Epidemiology & Special Studies Unit

HIV/STD Prevention and Care Branch  
Epidemiology Section, Division of Public Health  
North Carolina Department of Health & Human Services

1902 Mail Service Center  
Raleigh, North Carolina 27699-1902  
(919) 733-7301

North Carolina law requires that diagnoses of certain communicable diseases, including sexually transmitted diseases (STDs), be reported to local health departments that in turn report the information to the state. The Epidemiology and Special Studies Unit (ESSU) is the designated recipient for STD morbidity reports at the state level and is responsible for aggregating reports and providing statewide information about these diseases to others, including the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. The ESSU is part of the HIV/STD Prevention and Care Branch within the North Carolina Division of Public Health.

The *North Carolina HIV/STD Surveillance Report: Vol. 2003, No. 4* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through December 31, 2003. Some 2001 and 2002 data are also presented as a reference. All reports are sorted by the date received by the ESSU. This report is intended as a reference document for local health departments, program managers, health planners, researchers and others who are concerned with the public health implications of these diseases. The information in this quarterly report is meant to be brief and provide limited data on these diseases throughout the year. More detailed and complete information will continue to be available in annual publications. This report and our annual publications are available on our website ([www.epi.state.nc.us/epi/hiv/surveillance.html](http://www.epi.state.nc.us/epi/hiv/surveillance.html)). The CDC maintains data about these diseases for the United States; national information is available from its website ([www.cdc.gov](http://www.cdc.gov)).

### NOTES:

Beginning with 2003 reports, data for race and ethnicity are presented separately (pages 3-7). Also, "Mode of Transmission" tables for HIV disease and AIDS (pages 6-7) include the category, "presumed heterosexual." This category includes some cases that were originally included in the "risk not specified" category because the cases did not meet the current CDC definition for "heterosexual contact." These "presumed heterosexual" cases did, however, have additional risk information consistent with heterosexual transmission. This additional risk information includes cases indicating multiple heterosexual partners, the exchange of sex for drugs or money, the use of non-injecting drugs, or previous diagnosis with a STD. More information about risk definition can be found in the *North Carolina Epidemiologic Profile for 2004 HIV/STD Prevention and Care Planning*.

Readers will note that HIV and AIDS reports for 2003 are up significantly compared to recent years. This increase may be the result of enhanced surveillance activities, changes in access to medical care, or changes in HIV treatment effectiveness. More information about recent increases in AIDS cases can be found in the factsheet, *AIDS case report for 2002, North Carolina* available at our website (address above). If you have questions or comments, please contact us at the address or phone number above.

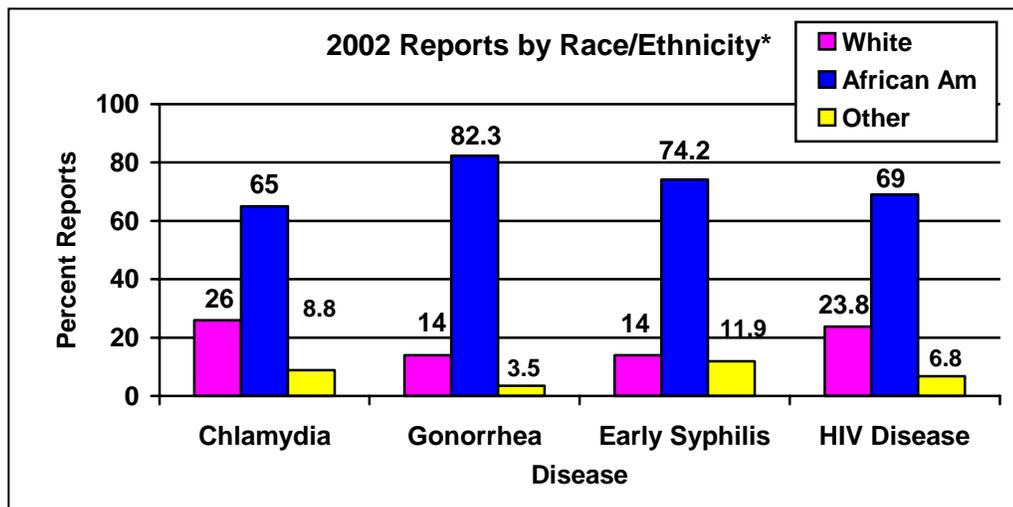
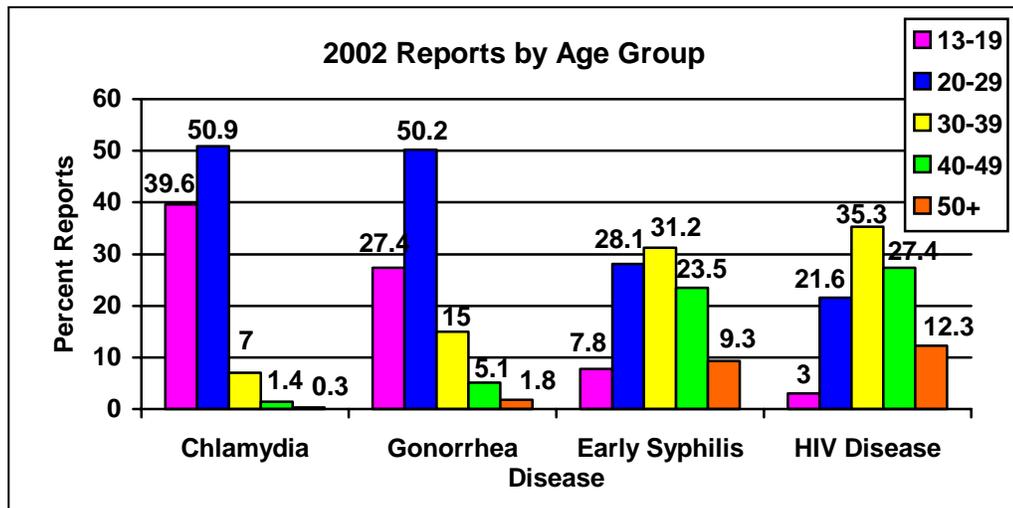
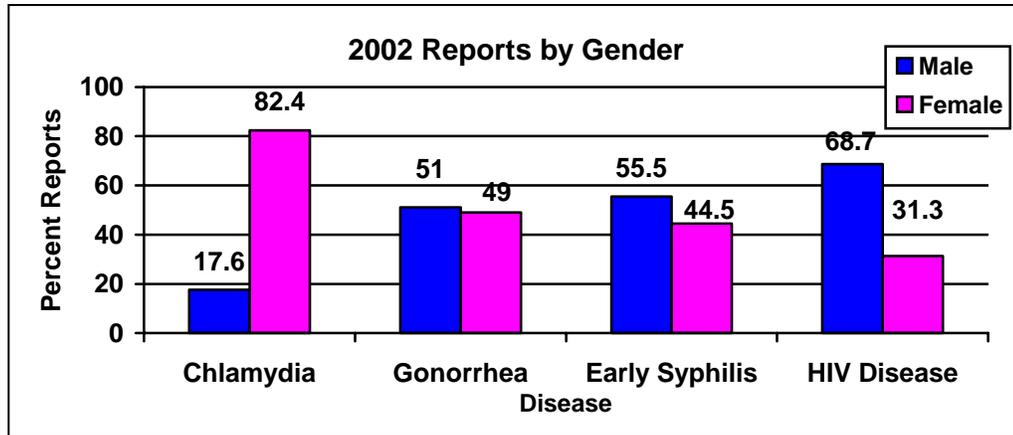


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## 2002 Reports

Below are graphs of 2002 HIV/STD reports by sex, age group, and race/ethnicity. These graphs can be used as a reference when viewing the current year's data. Please note that HIV Disease includes HIV and AIDS reports.



\*Reports for Whites and African Americans exclude Hispanics

## Syphilis

Syphilis is an acute and chronic disease caused by infection with *Treponema pallidum*. Infection with syphilis can facilitate HIV transmission by two- to five-fold and can cause congenital syphilis in pregnant women. Congenital syphilis can cause stillbirths and result in lifelong health problems for the child. In 2002, 271 cases of primary and secondary syphilis were reported in North Carolina. According to the CDC, in 2002 North Carolina ranked seventh in the nation in the incidence of primary and secondary syphilis cases per 100,000 population.<sup>1</sup> In the table below are the 2003 report data for syphilis, including early latent syphilis.

<b>Primary, Secondary &amp; Early Latent Syphilis Reports 2003</b>										
	<b>1<sup>st</sup> Qtr</b>		<b>2<sup>nd</sup> Qtr</b>		<b>3<sup>rd</sup> Qtr</b>		<b>4<sup>th</sup> Qtr</b>		<b>Year To Date</b>	
<b>Sex</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	69	60	73	55.3	48	66.7	46	59.7	236	59.6
Female	46	40	59	44.7	24	33.3	31	40.3	160	40.4
Total	115	100	132	100	72	100	77	100	396	100
<b>Age Group</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Under 5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-12	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13-19	6	5.2	7	5.3	6	8.3	4	5.2	23	5.8
20-29	36	31.3	40	30.3	17	23.6	32	41.6	125	31.6
30-39	34	29.6	51	38.6	18	25	20	26	123	31.1
40-49	31	27	24	18.2	20	27.8	14	18.2	89	22.5
Over 49	8	7	10	7.6	11	15.3	7	9.1	36	9.1
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	115	100	132	100	72	100	77	100	396	100
<b>Race</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
American Indian	8	7	7	5.3	5	6.9	1	1.3	21	5.3
Asian/Pacific Islander	2	1.7	0	0	0	0	0	0	2	0.5
African American	78	67.8	92	69.7	50	69.4	58	75.3	278	70.2
White	27	23.5	33	25	17	23.6	18	23.4	95	24
Other/Unknown	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
Total	115	100	132	100	72	100	77	100	396	100
<b>Ethnicity</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	8	7	15	11.4	3	4.2	6	7.8	32	8.1
Non-Hispanic	107	93	117	88.6	69	95.8	71	92.2	364	91.9
Total	115	100	132	100	72	100	77	100	396	100

<sup>1</sup> Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2002*. Atlanta, GA: US Department of Health and Human Services, September 2003.

## Gonorrhea

Infections due to *Neisseria gonorrhoea* remain a major cause of pelvic inflammatory disease, tubal infertility, ectopic pregnancy, and chronic pelvic pain in the U.S. Epidemiologic studies provide strong evidence that gonococcal infections facilitate HIV transmission. Reporting of gonococcal infections has likely been biased towards reporting infections in persons of minority race or ethnicity who attend public STD clinics. In 2002, 15,361 cases of gonorrhea were reported in North Carolina. According to the CDC, the rate of infection in 2002 for North Carolina ranked it ninth in the nation in cases per 100,000 population.<sup>1</sup>

Gonorrhea Reports 2003										
	1 <sup>st</sup> Qtr		2 <sup>nd</sup> Qtr		3 <sup>rd</sup> Qtr		4 <sup>th</sup> Qtr		Year To Date	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<b>Sex</b>										
Male	1777	51.2	1996	50.5	1991	51.2	1955	51.7	7719	51.2
Female	1692	48.8	1955	49.5	1895	48.8	1824	48.3	7366	48.8
Total	3469	100	3951	100	3886	100	3779	100	15085	100
<b>Age Group</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Under 5	9	0.3	19	0.5	6	0.2	4	0.1	38	0.3
5-12	2	0.1	3	0.1	3	0.1	1	0	9	0.1
13-19	945	27.2	1022	25.9	1045	26.9	984	26	3996	26.5
20-29	1748	50.4	2048	51.8	1914	49.3	1877	49.7	7587	50.3
30-39	524	15.1	578	14.6	575	14.8	573	15.2	2250	14.9
40-49	174	5	226	5.7	257	6.6	262	6.9	919	6.1
Over 49	67	1.9	55	1.4	86	2.2	77	2	285	1.9
Unknown	0	0	0	0	0	0	1	0	1	0
Total	3469	100	3951	100	3886	100	3779	100	15085	100
<b>Race</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
American Indian	26	0.7	40	1	49	1.3	70	1.9	185	1.2
Asian/Pacific Islander	15	0.4	16	0.4	9	0.2	11	0.3	51	0.3
African American	2832	81.6	3247	82.2	3141	80.8	3044	80.6	12264	81.3
White	595	17.2	645	16.3	685	17.6	644	17	2569	17
Other/Unknown	1	0	3	0.1	2	0.1	10	0.3	16	0.1
Total	3469	100	3951	100	3886	100	3779	100	15085	100
<b>Ethnicity</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	73	2.1	85	2.2	99	2.5	103	2.7	360	2.4
Non-Hispanic	3396	97.9	3863	97.8	3787	97.5	3669	97.1	14715	97.5
Unknown	0	0	3	0.1	0	0	7	0.2	10	0.1
Total	3469	100	3951	100	3886	100	3779	100	15085	100

<sup>1</sup> Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2002*. Atlanta, GA: US Department of Health and Human Services, September 2003.

## Chlamydia

Infections due to *Chlamydia trachomatis* are among the most prevalent of all sexually transmitted diseases. In women, these infections often result in pelvic inflammatory disease, which can cause infertility, ectopic pregnancy, and chronic pelvic pain. In 2002, 24,738 cases of chlamydia were reported in North Carolina. According to the CDC, the rate of infection in 2002 for North Carolina ranked it nineteenth in the nation in cases per 100,000 population.<sup>1</sup>

Chlamydia Reports 2003										
	1 <sup>st</sup> Qtr		2 <sup>nd</sup> Qtr		3 <sup>rd</sup> Qtr		4 <sup>th</sup> Qtr		Year To Date	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	991	16.5	1144	16.3	960	15.4	1248	18.3	4343	16.7
Female	5033	83.5	5863	83.7	5255	84.5	5571	81.7	21722	83.3
Unknown	0	0	0	0	1	0	0	0	1	0
<b>Total</b>	<b>6024</b>	<b>100</b>	<b>7007</b>	<b>100</b>	<b>6216</b>	<b>100</b>	<b>6819</b>	<b>100</b>	<b>26066</b>	<b>100</b>
Age Group	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Under 5	18	0.3	34	0.5	15	0.2	6	0.1	73	0.3
5-12	4	0.1	5	0.1	10	0.2	3	0	22	0.1
13-19	2399	39.8	2721	38.8	2503	40.3	2687	39.4	10310	39.6
20-29	3069	50.9	3608	51.5	3077	49.5	3437	50.4	13191	50.6
30-39	430	7.1	520	7.4	474	7.6	557	8.2	1981	7.6
40-49	83	1.4	96	1.4	103	1.7	106	1.6	388	1.5
Over 49	17	0.3	21	0.3	34	0.5	22	0.3	94	0.4
Unknown	4	0.1	2	0	0	0	1	0	7	0
<b>Total</b>	<b>6024</b>	<b>100</b>	<b>7007</b>	<b>100</b>	<b>6216</b>	<b>100</b>	<b>6819</b>	<b>100</b>	<b>26066</b>	<b>100</b>
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
American Indian	50	0.8	112	1.6	94	1.5	108	1.6	364	1.4
Asian/Pacific Islander	42	0.7	54	0.8	39	0.6	44	0.6	179	0.7
African American	3932	65.3	4635	66.1	4013	64.6	4373	64.1	16953	65
White	1993	33.1	2197	31.4	2064	33.2	2258	33.1	8512	32.7
Other/Unknown	7	0.1	9	0.1	6	0.1	36	0.5	58	0.2
<b>Total</b>	<b>6024</b>	<b>100</b>	<b>7007</b>	<b>100</b>	<b>6216</b>	<b>100</b>	<b>6819</b>	<b>100</b>	<b>26066</b>	<b>100</b>
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	463	7.7	486	6.9	461	7.4	417	6.1	1827	7
Non-Hispanic	5556	92.2	6519	93	5751	92.5	6377	93.5	24203	92.9
Unknown	5	0.1	2	0	4	0.1	25	0.4	36	0.1
<b>Total</b>	<b>6024</b>	<b>100</b>	<b>7007</b>	<b>100</b>	<b>6216</b>	<b>100</b>	<b>6819</b>	<b>100</b>	<b>26066</b>	<b>100</b>

<sup>1</sup> Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2002*. Atlanta, GA: US Department of Health and Human Services, September, 2003.

## HIV Disease

Infection with human immunodeficiency virus (HIV) generally causes progressive damage to the immune and organ systems, including the central nervous system, and leads to a more severe life-threatening clinical condition called AIDS (acquired immunodeficiency syndrome). Most reports are initially received as HIV cases, but some reports are first received as AIDS cases. The tables below include **both HIV and AIDS**, and the disease reports are categorized by the **date of first report**. In 2002, there were 1,692 reports of HIV disease in North Carolina.

HIV Disease Reports 2003										
	1 <sup>st</sup> Qtr		2 <sup>nd</sup> Qtr		3 <sup>rd</sup> Qtr		4 <sup>th</sup> Qtr		Year To Date	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	408	71.2	381	69	347	65.2	311	70.2	1447	68.9
Female	165	28.8	171	31	185	34.8	132	29.8	653	31.1
Total	573	100	552	100	532	100	443	100	2100	100
Age Group	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Under 5	0	0	2	0.4	2	0.4	2	0.5	6	0.3
5-12	1	0.2	1	0.2	0	0	0	0	2	0.1
13-19	15	2.6	20	3.6	9	1.7	13	2.9	57	2.7
20-29	96	16.8	103	18.7	114	21.4	89	20.1	402	19.1
30-39	198	34.6	201	36.4	159	29.9	123	27.8	681	32.4
40-49	169	29.5	151	27.4	183	34.4	144	32.5	647	30.8
Over 49	94	16.4	74	13.4	65	12.2	72	16.3	305	14.5
Total	573	100	552	100	532	100	443	100	2100	100
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
American Indian	3	0.5	7	1.3	2	0.4	5	1.1	17	0.8
Asian/Pacific Islander	1	0.2	5	0.9	2	0.4	2	0.5	10	0.5
African American	375	65.4	390	70.7	359	67.5	290	65.5	1414	67.3
White	189	33	147	26.6	161	30.3	141	31.8	638	30.4
Other/Unknown	5	0.9	3	0.5	8	1.5	5	1.1	21	1
Total	573	100	552	100	532	100	443	100	2100	100
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	38	6.6	21	3.8	31	5.8	23	5.2	113	5.4
Non-Hispanic	533	93	530	96	501	94.2	420	94.8	1984	94.5
Unknown	2	0.3	1	0.2	0	0	0	0	3	0.1
Total	573	100	552	100	532	100	443	100	2100	100
Mode of Transmission	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
MSM*	185	32.3	162	29.3	139	26.1	129	29.1	615	29.3
IDU*	28	4.9	35	6.3	41	7.7	31	7	135	6.4
MSM/IDU	13	2.3	6	1.1	7	1.3	8	1.8	34	1.6
Blood Products*	8	1.4	9	1.6	14	2.6	14	3.2	45	2.1
Heterosexual contact	101	17.6	86	15.6	91	17.1	58	13.1	336	16
Presumed Heterosexual	60	10.5	81	14.7	77	14.5	55	12.4	273	13
Risk not specified	177	30.9	170	30.8	161	30.3	146	33	654	31.1
Pediatric	1	0.2	3	0.5	2	0.4	2	0.5	8	0.4
Total	573	100	552	100	532	100	443	100	2100	100

\*MSM=men who have sex with men; IDU=intravenous drug use; Blood Products includes adult hemophilia

## AIDS

Acquired immunodeficiency syndrome (AIDS) is a life-threatening clinical condition caused by the progression of HIV disease. The reports below are of AIDS cases sorted by the **date of report for an AIDS diagnosis**. In 2002, there were 1,014 AIDS cases reported in North Carolina.

AIDS Reports** 2003										
	1 <sup>st</sup> Qtr		2 <sup>nd</sup> Qtr		3 <sup>rd</sup> Qtr		4 <sup>th</sup> Qtr		Year To Date	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	317	71.6	146	71.9	179	72.5	148	76.7	790	72.7
Female	126	28.4	57	28.1	68	27.5	45	23.3	296	27.3
Total	443	100	203	100	247	100	193	100	1086	100
Age Group	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Under 5	0	0	0	0	0	0	1	0.5	1	0.1
5-12	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13-19	1	0.2	0	0	0	0	1	0.5	2	0.2
20-29	42	9.5	19	9.4	34	13.8	23	11.9	118	10.9
30-39	175	39.5	80	39.4	78	31.6	50	25.9	383	35.3
40-49	154	34.8	72	35.5	91	36.8	73	37.8	390	35.9
Over 49	71	16	32	15.8	44	17.8	45	23.3	192	17.7
Total	443	100	203	100	247	100	193	100	1086	100
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
American Indian	2	0.5	4	2	2	0.8	4	2.1	12	1.1
Asian/Pacific Islander	0	0	3	1.5	2	0.8	0	0	5	0.5
African American	309	69.8	129	63.5	176	71.3	126	65.3	740	68.1
White	127	28.7	64	31.5	57	23.1	60	31.1	308	28.4
Other/Unknown	5	1.1	3	1.5	10	4	3	1.6	21	1.9
Total	443	100	203	100	247	100	193	100	1086	100
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	24	5.4	7	3.4	14	5.7	9	4.7	54	5
Non-Hispanic	417	94.1	195	96.1	232	93.9	184	95.3	1028	94.7
Unknown	2	0.5	1	0.5	1	0.4	0	0	4	0.4
Total	443	100	203	100	247	100	193	100	1086	100
Mode of Transmission	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
MSM*	135	30.5	57	28.1	55	22.3	55	28.5	302	27.8
IDU*	35	7.9	15	7.4	37	15	21	10.9	108	9.9
MSM/IDU	15	3.4	1	0.5	5	2	4	2.1	25	2.3
Blood Products*	5	1.1	3	1.5	11	4.5	5	2.6	24	2.2
Heterosexual contact	90	20.3	44	21.7	42	17	37	19.2	213	19.6
Presumed Heterosexual	29	6.5	17	8.4	25	10.1	13	6.7	84	7.7
Risk not specified	134	30.2	66	32.5	72	29.1	57	29.5	329	30.3
Pediatric	0	0	0	0	0	0	1	0.5	1	0.1
Total	443	100	203	100	247	100	193	100	1086	100

\* MSM=men who have sex with men; IDU=intravenous drug use; Blood Products includes adult hemophilia

\*\*AIDS reports, by default, are considered an extension of HIV disease reports. Thus, the information below is also included in the previous HIV disease reports in which cases are categorized by the date of **first** report (either HIV or AIDS).

NORTH CAROLINA STD/HIV REPORTS - January through December, 2001-2003

DISEASE	CHLAMYDIA			GONORRHEA			P.,S. SYPHILIS			E.L. SYPHILIS			HIV DISEASE			
	YEAR TO DATE	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
COUNTY	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
ALAMANCE	261	282	316	268	253	220	3	5	2	6	7	12	16	18	27	
ALEXANDER	19	21	31	12	10	7	0	0	0	1	0	0	0	5	1	
ALLEGHANY	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	
ANSON	111	92	130	93	74	101	1	0	0	0	0	0	6	4	4	
ASHE	7	9	13	1	0	2	0	0	0	0	0	0	0	0	0	
AVERY	3	5	6	0	1	2	0	0	0	0	0	0	0	1	0	
BEAUFORT	133	192	153	104	168	124	1	0	0	0	0	1	15	5	6	
BERTIE	90	108	108	64	88	77	1	0	0	1	4	0	12	7	2	
BLADEN	84	70	63	65	43	39	0	2	0	1	1	1	6	4	13	
BRUNSWICK	129	130	124	81	81	62	7	0	0	11	8	0	19	10	19	
BUNCOMBE	334	381	386	231	206	206	2	0	0	2	1	2	23	26	26	
BURKE	88	91	109	19	38	28	1	0	0	1	0	0	3	4	5	
CABARRUS	310	304	340	220	118	131	3	1	0	5	0	5	5	18	19	
CALDWELL	75	116	100	23	44	36	0	0	3	0	1	2	3	3	3	
CAMDEN	3	7	3	3	5	8	0	0	1	0	0	0	1	3	1	
CARTERET	91	79	92	49	36	40	1	1	0	2	1	0	0	2	8	
CASWELL	53	52	54	36	34	16	3	3	2	2	1	0	1	2	5	
CATAWBA	254	265	271	106	98	132	0	0	0	2	1	3	6	20	22	
CHATHAM	82	57	56	72	29	35	1	2	1	2	4	0	6	3	6	
CHEROKEE	14	7	13	1	2	4	0	0	0	0	0	0	2	1	1	
CHOWAN	43	44	53	49	38	34	0	0	0	2	0	0	1	2	2	
CLAY	4	1	3	0	0	0	0	0	0	0	0	0	1	1	0	
CLEVELAND	222	262	289	229	222	218	0	1	0	4	2	1	11	9	14	
COLUMBUS	124	124	147	129	81	121	41	15	2	13	15	3	17	8	24	
CRAVEN	313	419	465	189	172	165	0	0	0	2	1	1	21	25	26	
CUMBERLAND	1544	2289	2428	1168	898	1039	25	7	5	28	15	9	61	61	96	
CURRITUCK	23	30	32	11	21	14	0	0	0	0	0	0	0	2	2	
DARE	42	57	47	19	38	37	0	0	0	1	0	0	0	2	3	
DAVIDSON	243	196	247	104	92	87	1	5	1	2	1	0	6	16	17	
DAVIE	53	45	39	18	19	20	0	0	0	0	0	0	3	2	0	
DUPLIN	109	90	100	91	69	82	1	0	0	0	1	0	11	13	24	
DURHAM	1177	1012	1189	1032	645	559	16	42	22	21	15	18	108	119	96	
EDGECOMBE	360	374	364	506	511	364	1	0	0	5	2	2	14	22	43	
FORSYTH	940	1181	1389	909	732	626	14	4	1	21	14	9	79	93	140	
FRANKLIN	103	106	96	82	46	74	2	1	0	2	1	1	12	6	9	
GASTON	364	325	338	329	259	243	4	2	0	11	2	3	27	35	44	
GATES	27	32	40	11	20	21	0	0	0	0	0	0	2	2	1	
GRAHAM	10	4	11	0	0	0	0	0	0	0	0	0	1	0	0	
GRANVILLE	110	95	141	71	80	102	2	2	0	2	0	1	13	11	23	
GREENE	59	75	57	23	46	38	0	0	1	0	2	0	4	4	2	
GUILFORD	1994	1928	1938	1485	1149	1011	70	40	38	48	23	42	128	149	116	
HALIFAX	286	337	352	282	304	243	0	0	0	0	4	4	13	6	10	
HARNETT	68	141	137	77	70	86	3	0	0	3	1	0	11	12	13	
HAYWOOD	41	34	49	5	4	6	0	0	0	0	0	0	1	4	0	
HENDERSON	127	98	105	38	52	44	0	0	0	0	0	0	4	7	3	
HERTFORD	88	116	118	67	71	76	0	0	0	0	1	0	7	10	21	
HOKE	98	92	157	86	78	93	4	2	2	5	5	3	15	2	9	
HYDE	4	6	9	5	3	9	0	0	0	0	0	0	0	0	3	
IREDELL	174	201	234	203	237	159	0	0	1	3	1	0	9	18	13	
JACKSON	40	33	36	7	3	7	0	0	0	0	0	1	0	0	0	
JOHNSTON	131	150	169	133	145	158	5	3	0	11	5	4	30	28	24	

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DISEASE	CHLAMYDIA			GONORRHEA			P.,S. SYPHILIS			E.L. SYPHILIS			HIV DISEASE		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
COUNTY	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
JONES	32	27	30	24	22	41	0	1	0	1	0	0	0	5	1
LEE	142	112	130	79	72	65	2	0	1	2	3	0	9	11	9
LENOIR	255	254	305	112	136	156	0	2	1	3	2	0	21	18	23
LINCOLN	76	58	58	43	46	19	0	0	0	1	0	1	3	5	8
MACON	12	10	20	2	3	7	0	0	0	0	0	0	1	0	1
MADISON	18	20	6	3	6	1	0	0	0	0	0	0	2	0	1
MARTIN	135	123	95	62	50	54	0	0	0	1	0	0	10	9	12
MCDOWELL	45	48	61	2	8	16	2	0	0	0	0	0	1	2	1
MECKLENBURG	1999	2880	3171	2095	2295	2279	29	28	16	70	40	26	258	308	437
MITCHELL	11	9	7	1	0	1	0	0	0	0	0	0	0	1	1
MONTGOMERY	36	35	56	48	15	13	1	6	0	3	5	2	1	0	1
MOORE	141	216	172	86	125	89	9	13	2	8	23	2	14	18	12
NASH	273	315	332	266	263	223	7	5	2	7	2	5	26	17	20
NEW HANOVER	528	580	585	362	193	265	15	2	1	13	7	3	62	49	58
NORTHAMPTON	119	123	111	135	77	67	1	1	0	0	0	1	7	2	6
ONslow	1044	1232	864	372	469	313	0	1	1	1	0	1	17	20	23
ORANGE	219	194	202	115	95	71	12	9	0	8	4	2	13	12	17
PAMLICO	22	19	6	11	9	5	0	0	0	0	0	0	1	1	4
PASQUOTANK	154	137	153	156	138	132	2	0	0	4	1	3	1	6	10
PENDER	93	92	79	40	35	34	3	0	0	1	3	0	5	5	7
PERQUIMANS	22	30	31	31	26	18	0	0	0	0	0	0	3	4	4
PERSON	46	98	109	37	25	32	2	0	0	1	1	1	5	8	6
PITT	746	871	773	505	518	488	1	0	0	1	3	1	36	50	37
POLK	18	10	12	6	2	9	0	0	0	0	0	0	1	1	3
RANDOLPH	242	175	170	115	60	94	2	2	3	1	5	4	9	16	19
RICHMOND	181	155	186	79	80	76	7	1	0	4	3	0	4	2	10
ROBESON	349	631	669	208	470	388	90	23	9	54	44	23	27	17	32
ROCKINGHAM	126	100	132	95	129	144	9	1	2	13	5	2	8	11	4
ROWAN	358	340	438	180	159	234	5	0	0	4	2	0	15	13	20
RUTHERFORD	153	149	149	50	52	67	0	0	0	0	0	0	7	2	1
SAMPSON	155	124	147	127	124	117	1	2	1	2	4	3	16	8	9
SCOTLAND	176	147	179	134	76	109	0	0	0	1	4	0	0	4	8
STANLY	66	72	65	65	26	37	1	0	0	2	1	0	6	6	1
STOKES	51	21	33	14	15	8	1	0	0	0	0	2	4	1	2
SURRY	86	83	82	46	73	23	0	0	1	0	0	0	8	6	4
SWAIN	31	22	38	0	5	6	0	0	0	0	0	0	1	1	4
TRANSYLVANIA	33	34	34	13	8	14	1	0	0	0	0	0	2	2	5
TYRRELL	17	9	13	9	2	6	0	0	0	0	0	0	1	0	0
UNION	187	139	154	153	127	125	2	0	0	3	0	1	14	11	13
VANCE	155	177	289	143	142	186	5	7	7	2	1	4	17	9	23
WAKE	1576	1591	1738	1270	1041	1291	21	18	15	30	25	22	153	166	229
WARREN	58	52	53	63	30	51	1	0	1	1	0	1	7	4	7
WASHINGTON	41	36	42	14	15	25	0	2	0	4	0	0	2	3	4
WATAUGA	35	26	31	8	7	4	0	0	0	0	0	0	0	0	5
WAYNE	411	513	409	166	173	234	3	1	0	10	10	3	23	37	23
WILKES	62	52	36	21	28	10	0	0	0	0	0	0	1	2	3
WILSON	333	394	423	348	426	416	7	8	5	9	7	5	36	26	21
YADKIN	31	26	30	12	22	10	0	0	0	1	0	0	0	1	4
YANCEY	16	11	10	0	2	4	0	0	0	0	0	0	1	0	1
UNKNOWN	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
TOTAL	22177	24738	26066	16733	15353	15085	455	271	150	486	345	246	1594	1705	2100

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AIDS REPORTS*							
YEAR TO DATE	2001	2002	2003	YEAR TO DATE	2001	2002	2003
COUNTY	Jan-Dec	Jan-Dec	Jan-Dec	COUNTY	Jan-Dec	Jan-Dec	Jan-Dec
ALAMANCE CO.	7	5	13	JONES CO.	0	0	1
ALEXANDER CO.	0	2	0	LEE CO.	3	4	5
ALLEGHANY CO.	0	0	0	LENOIR CO.	20	12	5
ANSON CO.	4	5	1	LINCOLN CO.	1	5	2
ASHE CO.	0	0	0	MACON CO.	2	1	1
AVERY CO.	0	0	0	MADISON CO.	0	0	0
BEAUFORT CO.	9	4	5	MARTIN CO.	6	8	5
BERTIE CO.	5	6	3	MCDOWELL CO.	2	2	1
BLADEN CO.	3	4	7	MECKLENBURG CO.	106	151	191
BRUNSWICK CO.	12	5	8	MITCHELL CO.	2	1	0
BUNCOMBE CO.	24	16	18	MONTGOMERY CO.	2	0	1
BURKE CO.	1	2	3	MOORE CO.	7	6	8
CABARRUS CO.	4	9	9	NASH CO.	14	8	10
CALDWELL CO.	3	2	3	NEW HANOVER CO.	51	39	37
CAMDEN CO.	1	3	1	NORTHAMPTON CO.	6	2	4
CASWELL CO.	0	0	0	ONSLOW CO.	15	13	13
CARTERET CO.	1	0	6	ORANGE CO.	8	3	1
CATAWBA CO.	5	12	12	PAMLICO CO.	0	1	3
CHATHAM CO.	1	1	2	PASQUOTANK CO.	1	4	7
CHEROKEE CO.	1	1	1	PENDER CO.	6	2	6
CHOWAN CO.	1	3	0	PERQUIMANS CO.	0	0	2
CLAY CO.	1	0	0	PERSON CO.	2	6	4
CLEVELAND CO.	6	12	7	PITT CO.	21	29	26
COLUMBUS CO.	10	6	16	POLK CO.	0	0	3
CRAVEN CO.	9	20	13	RANDOLPH CO.	1	4	6
CUMBERLAND CO.	32	46	51	RICHMOND CO.	0	2	4
CURRITUCK CO.	0	0	1	ROBESON CO.	27	22	22
DARE CO.	0	2	1	ROCKINGHAM CO.	4	7	2
DAVIDSON CO.	4	8	11	ROWAN CO.	8	8	7
DAVIE CO.	1	1	0	RUTHERFORD CO.	3	2	1
DUPLIN CO.	5	8	16	SAMPSON CO.	13	8	3
DURHAM CO.	38	76	41	SCOTLAND CO.	2	6	4
EDGECOMBE CO.	11	23	17	STANLY CO.	4	1	1
FORSYTH CO.	36	44	54	STOKES CO.	2	0	1
FRANKLIN CO.	5	3	6	SURRY CO.	3	6	1
GASTON CO.	15	16	25	SWAIN CO.	1	1	2
GATES CO.	1	2	0	TRANSYLVANIA CO.	1	2	2
GRAHAM CO.	0	0	0	TYRELL CO.	0	0	0
GRANVILLE CO.	6	6	7	UNION CO.	5	6	7
GREENE CO.	5	3	1	VANCE CO.	11	11	13
GUILFORD CO.	65	54	62	WAKE CO.	92	108	137
HALIFAX CO.	8	4	14	WARREN CO.	3	3	5
HARNETT CO.	8	7	10	WASHINGTON CO.	2	4	3
HAYWOOD CO.	3	5	0	WATAUGA CO.	0	0	3
HENDERSON CO.	5	5	4	WAYNE CO.	14	25	11
HERTFORD CO.	5	3	10	WILKES CO.	2	0	3
HOKE CO.	7	7	6	WILSON CO.	20	27	12
HYDE CO.	0	0	1	YADKIN CO.	0	1	3
IREDELL CO.	2	4	8	YANCEY CO.	1	0	1
JACKSON CO.	0	0	0	Z-UNKNOWN	1	1	2
JOHNSTON CO.	7	18	20	TOTAL	872	1015	1086

\* includes all AIDS reports by date of report for AIDS diagnosis